

List of All Chemicals

P Ludwigia pilobioides (Onagraceae)

Common name(s)

Fireweed ludwigia

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Chemical	Plant Part	Low PPM	High PPM	StdDev	*Reference
ISOORIENTIN	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Activities (4)					
Antioxidant					
Antiperoxidant	Planta Medica, 57: A110, 1991.				
Larvistat IC50=2.6-3.5 mM/kg diet	Lydon, J. & Duke, S., The potential of pesticides from plants, pp. 1-41 in Craker, L. & Simon, J., eds, Herbs, Spices & Medicinal Plants: Recent Advances in Botany, Horticulture, & Pharmacology, v. 4, Oryx Press, Phoenix, 1989, 267pp.				
Pesticide					
ISOVITEXIN	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Activities (4)					
ACE-Inhibitor IC50=0.28 mM/l					
Antioxidant #NAME?					
Antioxidant >BHA	Nigg, H.N. and Seigler, D.S., eds. 1992. Phytochemical Resources for Medicine and Agriculture. Plenum Press, New York. 445 pp.				
Cancer-Preventive	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.				
ORIENTIN	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Activities (4)					
Antiinflammatory	Fitoterapia No.61: 263, 1990.				
Antioxidant					
Cancer-Preventive	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.				
cAMP-Phosphodiesterase-Inhibitor	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).				
VITEXIN	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Activities (18)					
ACE-Inhibitor 5 ug/ml					
ACE-Inhibitor IC50=0.3 mM/l					
Aldose-Reductase-Inhibitor IC15=10 uM	Shimizu, M., Ito, T., Terashima, S., Hayashi, T., Arisawa, M., Morita, N., Kurokawa, S., Ito, K., and Hashimoto, Y. 1984. Inhibition of Lens Aldose Reductase by Flavonoids. Phytochemistry, 23: 1885-1888.				
Aldose-Reductase-Inhibitor 5 ug/ml	Okamoto, Y., Yoshizawa, T. 1994. Angiotensin-Converting Enzyme Inhibitors and Aldose Reductase Inhibitors Containing Passiflora quadrangularis Extracts or Vitexin. Patent, Japan Kokai Tokkyo Koho-06,293,657. 4pp.				
Antiarrhythmic	Jim Duke's personal files.				
Antibradquinic	Fitoterapia No.61: 277, 1990.				
Antidermatitic					
Antihistaminic					
Antiinflammatory	Fitoterapia No.61: 263, 1990.				
Antioxidant					
Antiserotonin					
Antithyroid	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
Aphidifuge					
Cancer-Preventive	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.				
Goitrogenic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
Hypotensive					
Thyroid-Peroxidase-Inhibitor	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
cAMP-Phosphodiesterase-Inhibitor IC50=1.6 mg/ml	Schüssler, M., Fricke, U., Nikolov, N., and Holzl, J. 1991. Comparison of the Flavonoids Occurring in Crataegus species and Inhibition of 3',5'-Cyclic Adenosine Monophosphate Phosphodiesterase. Plant Medica 57: Suppl Issue 2. p.A-133.				